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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Leonard Forbes et al. Examiner:  
Serial No.: Unknown Group Art Unit: 2811  
Filed: Herewith Docket: 303.523US2  
Title: ANTIFUSE STRUCTURES, METHODS, AND APPLICATIONS  
(Continuation of U.S. Serial No. 09/258,363, filed February 26, 1999)

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Prior to examination, please amend the above-identified continuation application as follows:

**In the Specification**

On page 1, after the title, please add the following section:

**--Related Application**

This is a continuation of U.S. Patent Application Serial No. 09/258,363, filed February 26, 1999, which application is incorporated herein by reference.--

**In the Claims**

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect amendment of original claims 52 and 60, and addition of new claims 72-94. The specific amendments to individual claims are detailed in the following marked up claims:

52. (Amended) A method of making an antifuse in an integrated-circuit assembly, the method comprising:
- [a step for] forming an opening in an insulative layer, with the opening exposing one or more conductors;
  - [a step for] forming a metal layer in the opening;
  - [a step for] forming a metal-oxide layer on the metal layer and within the opening,
  - [a step for] forming a conductive layer on the metal-oxide layer and within the opening;
  - and
  - [a step for] forming at least one conductive member on the insulative layer which